

# SAM 301

## Advanced Software Acquisition Management

**A**dvanced Software Acquisition Management is the capstone course in the DAU Software Acquisition Management sequence. This seminar-based course is for senior personnel who acquire, engineer, test, and evaluate DoD software-intensive systems. SAM 301 is also for acquisition professionals interested in gaining a comprehensive insight into the risks and issues associated with developing and implementing complex DoD software systems.

**Objectives:** Students who successfully complete this course will be able to:

- analyze the causes of cost, schedule, and performance problems in large software efforts;
- examine differences between commercial software acquisition efforts and DoD efforts;
- develop an ability to recognize and selectively adopt commercial practices;
- understand the organizational and cultural dynamics of program offices and software development teams;
- evaluate the suitability of alternative organization structures, including integrated product teams;
- evaluate and select software metrics that will provide insight into program status and facilitate early detection of potential problems; and
- assess Federal and DoD acquisition initiatives.

**Who Should Attend:** This course is recommended for software acquisition personnel who serve in the software acquisition field as Level III managers or technical experts. Civilians, GS/GM-13 through GS/GM-15, and military officers, O-4 through O-6, are appropriate. This course is required for Information Technology career field Level III certification.

**Prerequisite:** SAM 201

**Length:** 5 class days

**Method of Delivery:** Resident/Local

**PDS Code:** BU9



# STM 201

## Intermediate S&T Management

**T**his course provides an understanding of the procedures and mechanisms used to transition advanced technologies into warfighting systems. Personnel associated with Science and Technology (S&T) program management will be able to understand the challenges presented in the weapons systems acquisition process, assess the implications of various technology transition mechanisms, and apply effective technology transition practices.

**Objectives:** Students who successfully complete this course will be able to:

- understand the challenge presented in the weapons systems acquisition process;
- assess the implications of various technology transition mechanisms; and
- apply effective technology transition practices.

**Who Should Attend:** Personnel whose duties include developing overall program goals for S&T funds and acquiring the services of scientists, engineers, and technical support personnel to perform S&T research for DoD should attend. Also, attendance is recommended for those who provide funds and oversight to the S&T performers, including universities, industry, and Federal Government organizations, and interface with the technology customers to expedite the transition of technology to the user. This course is recommended for civilians, GS-11/GS-12, and military officers, O-2/O-3.

**Prerequisite:** ACQ 101

**Length:** 3 class days

**Method of Delivery:** Resident/Local

**PDS Code:** JHZ

